Functional requirements:

- User should be able to log into or sign into the system clicking the designated button for such action which would lead to page where user should input the designated data for the authentication.

- Users should access settings through a designated button that leads to seperate page where they can change their username, password, email, profile picture, as well as set up privacy settings of their account.

- User should be able to delete their account in the settings page.

- User should be able to add or remove recipes from its list of favourite recipes on its user- page

- User should be able to update its virtual fridge by adding the ingredients to it.

- User shall use virtual fridge to find suitable recipes for the ingredients included in there.

- User should be able to access other users’ user-pages.

- User should be able to view, comment on, and like recipes or professional chefs.

- System’s browser should search for recipes based on the food’s name, ingredients included in the dish, or the professional chef’s name.

- Search through the system’s browser should display chefs and recipes connected to key.

- AI admin shoud be able to update the Top recipes list on the homepage as well as to check the recipes for the sensitive context.

Non-functional Requirements:

- System should be administered by the AI which will fulfil certain tasks.

- System’s browser should be accessible to the user

- Top recipes should be the list of top 10 recipes with the highest growing amounts of likes. However, each and every recipe should not be on this list for longer than 2 weeks. In such case, the recipe will be taken down from the list and then the next recipe will be placed at the bottom of the list.

- Authentication process while signing up to the system should be comprised of person’s name, username, date of birth, password, email, agreement for the terms of service, as well as CAPTCHA authentication.

- Authentication process while logging into the system should be composed of only username/email and corresponding to it password.

- Password should be between 6 to 20 alphanumeric characters including at least one highercase letter, number and lowercase letter

- System should be programmed in the Java language while its database should be programmed in the MySQL.

- System should be developed for the Android Oreo version of operating system using android studio.

- There should be a user-page dependent on the user’s type. Those types should be ‘homecook’ and ‘professional chef’. Homecook’s user-page should be comprised of recent actions, liked recipes/professional chefs, and virtual fridge, while professional chef’s user- page should be composed of recipes created by them.